

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 2, line 12, as follows:

FIG. 21 shows an example of an evaluation process. When the driving cycle ends, the evaluation process starts. In step 2000, it is determined whether a failure detection of the sensors by the fault diagnosis apparatus is completed or not. When the failure detection is completed, the diagnosis function is determined to be in a normal condition in step 2100.

Please amend the paragraph beginning at page 2, line 18, as follows:

However, in such a regulation, as shown in FIG. 22, when the failure detection is once completed, a flag "1" is stored in a memory. The flag "1" indicates a completion of the failure detection. While the flag "1" is stored in the memory, the diagnosis function is continuously determined to be in the normal condition. It is continued before the flag "1" is deleted, that is, a flag "0" is stored. The flag "0" indicates an incompleteness of the failure detection.

Please amend the paragraph beginning at page 2, line 26, as follows:

The flag "1" can be deleted through the use of an external device. However, after that the failure detection is once completed, the flag "1" is stored in the memory. The diagnosis function is determined to be in the normal condition. The diagnosis function is again continuously determined to be in the normal condition. In such a situation, even if it is continued to be in a condition that the failure detection cannot be completed due to some reasons, the diagnosis function is determined to be in the normal condition.

Please amend the paragraph beginning at page 3, line 25, as follows:

As a result, when the diagnosis process of the diagnosis function is continuously not completed, the diagnosis function is determined to not be in the normal condition. Therefore, the evaluation system determines a status of a fault diagnosis function as appropriate.

Please amend the paragraph beginning at page 13, line 17, as follows:

In step 220, since at least one time of the failure detection is completed within ten times of the detection, the diagnosis function is determined to be in the normal condition. The MIL 6 is activated to show the normal condition of the diagnosis function. For example, the MIL 6 is turned off. Then, the operation once ends.

Please amend the paragraph beginning at page 13, line 23, as follows:

In step 230, since even one time of the failure detections is not completed within ten times of the detection, that is, all of the failure detection is not completed, the diagnosis function is determined to be in the abnormal condition.

Please amend the paragraph beginning at page 14, line 9, as follows:

In the first embodiment, the status data, which indicate the completion or the incompleteness of the failure detection of the sensors 5, are stored in the record areas Al-An. When at least one of the failure detection is completed within latest ten times of the detection, the diagnosis function is determined to be in the normal condition. On the

contrary, when even one time of the failure detection is not completed, the diagnosis function is determined to be in the abnormal condition.

Please amend the paragraph beginning at page 14, line 18, as follows:

That is, as shown in FIG. 3, when at least one of the failure detection is completed within latest ten times of the detection, the diagnosis function is determined to be in the normal condition. Then, the MIL 6 shows the normal condition of the diagnosis function. On the contrary, when even one time of the failure detection is not completed, the diagnosis function is determined to be in the abnormal condition. Then, the MIL 6 shows the abnormal condition of the diagnosis function. Accordingly, it is not determined to be in the normal condition by mistake in spite of the abnormal condition or the incompleteness of the failure detection.

Please amend the paragraph beginning at page 15, line 2, as follows:

In the related art, the diagnosis function is determined to be in the normal condition when the failure detection is once completed even when the failure detection is not completed in a row. However, the first embodiment of the present invention does not determine as the related art. Therefore, the first embodiment can determine the status of the diagnosis function as appropriate.

Please amend the paragraph beginning at page 15, line 9, as follows:

In the first embodiment, the diagnosis function is determined to be in the abnormal condition when the failure detection is not completed ten times in a row.

However, the continuity may be not required. The diagnosis function may be determined to be in the abnormal condition when the failure detection is not completed within a predetermined time period.

Please amend the paragraph beginning at page 16, line 10, as follows:

When the diagnosis function is determined to be in the normal condition in the same manner as the first embodiment, determination result data "1" is stored in the result area R. On the other hand, when the diagnosis function is determined to be in the abnormal condition, result data "0" is stored in the result area R.

Please amend the paragraph beginning at page 16, line 24, as follows:

In step 310, since the deletion request signal exists, all of the status data stored in the record areas A1-A_n are set to the incompleteness. The status data indicates the completion or the incompleteness of the inspection of the equipments, such as the sensors 15. In addition, the result area R, which stores the result in which the failure diagnosis is determined to be in a normal condition, is deleted. Then, the operation once ends.

Please amend the paragraph beginning at page 18, line 4, as follows:

In step 420, since the failure detection of the sensors 15 is completed at this time of the failure detection, the diagnosis function is determined to be in the normal condition. The result area R stores a status data for the normal condition. That is, the result area R stores "1". Then, the operation once ends.

Please amend the paragraph beginning at page 18, line 15, as follows:

In step 440, since all of the failure detection is not completed, the diagnosis function is determined to be in the abnormal condition. The determination result of the result area R is deleted. That is, the determination result is set to "0" in the result area R. Then, the operation once ends.

Please amend the paragraph beginning at page 21, line 8, as follows:

In step 630, since the completion ratio is as high as 20% or more, the diagnosis function is determined to be in the normal condition. The MIL 26 is activated to show the normal condition of the diagnosis function. Then, the operation once ends.

Please amend the paragraph beginning at page 21, line 13, as follows:

In step 640, since the completion ratio is low, the diagnosis function is determined to be in the abnormal condition. The MIL 26 is activated to show the abnormal condition of the diagnosis function. Then, the operation once ends.

Please amend the paragraph beginning at page 21, line 21, as follows:

In the third embodiment, the status data are stored in the record areas Al-An. The status data indicate the completion or the incompleteness of the failure detection of the sensors 25. The completion ratio is calculated based on the status data, that is, the stored data in the record areas Al-An. When the completion ratio is high, the diagnosis function is determined to be in the normal condition. When the completion ratio is low, the diagnosis function is determined to be in the abnormal condition.

Please amend the paragraph beginning at page 23, line 13, as follows:

In step 710, since the deletion request signal exists, all of the status data stored in the record areas A1-An are set to the incompleteness. The status data indicates the completion or the incompleteness of the inspection of the equipments, such as the sensors 15. In addition, the result area R, which stores the result in which the failure diagnosis is determined to be in the normal condition or in the abnormal condition, is deleted. Then, the operation once ends.

Please amend the paragraph beginning at page 24, line 16, as follows:

In step 820, since the failure detection of the sensors 35 is completed at this time of the failure detection, the diagnosis function is determined to be in the normal condition. The result area R stores a status data for the normal condition. That is, the result area R stores "1". Then, the operation once ends.

Please amend the paragraph beginning at page 25, line 4, as follows:

In step 850, since the completion ratio is as low as 20% or less, the diagnosis function is determined to be in the abnormal condition. The determination result of the result area R is deleted. That is, the determination result is set to "0" in the result area R. Then, the operation once ends.

Please amend the paragraph beginning at page 28, line 2, as follows:

In step 1050, the diagnosis function is determined to be in the normal condition, so that the MIL 46 is activated to indicate the normal condition. Then, the operation once ends.

Please amend the paragraph beginning at page 28, line 5, as follows:

On the other hand, in step 1060, since the completion ratio is low, the diagnosis function is determined to be in the abnormal condition. The MIL 46 is activated to indicate the abnormal condition. Then, the operation once ends.

Please amend the paragraph beginning at page 28, line 13, as follows:

In the fifth embodiment, the completion ratio after the deletion request signal from the external device 47 is calculated. When the completion ratio is low, the diagnosis function is determined to be in the abnormal condition. Otherwise, when the completion ratio is high, the diagnosis function is determined to be in the normal condition.

Please amend the paragraph beginning at page 30, line 2, as follows:

In step 1110, since the deletion request signal exists, the numbers of the driving cycle and the completion of the failure detection are set to "0". In addition, the determination result in the result area R in which the failure diagnosis is determined to be in the normal condition or in the abnormal condition is deleted. Then, the operation once ends.

Please amend the paragraph beginning at page 30, line 22, as follows:

In next step 1230, the diagnosis function is determined to be in the normal condition, so that the determination result that indicates the normal condition is stored in the result area R. That is, the determination result data “1” is stored in the result area R. Then, the operation once ends.

Please amend the paragraph beginning at page 31, line 9, as follows:

In step 1260, since the completion ratio is low, the diagnosis function is determined to be in the abnormal condition. The determination result of the result area R is deleted. That is, That is, the determination result is set to “0” in the result area R. Then, the operation once ends.

Please amend the paragraph beginning at page 31, line 18, as follows:

In the sixth embodiment, the completion ratio after the deletion request signal from the external device 57 is calculated. When the completion ratio is low, the diagnosis function is determined to be in the abnormal condition.

Please amend the paragraph beginning at page 33, line 13, as follows:

In step 1320, since the deletion request signal exists, the determination result in the result area R in which the failure diagnosis is determined to be in the normal condition or in the abnormal condition is deleted. Then, the operation once ends.

Please amend the paragraph beginning at page 34, line 1, as follows:

In step 1410, since the failure detection of the sensors 15 is completed at this time of the failure detection, the diagnosis function is determined to be in the normal condition. The determination result that indicates the normal condition is stored in the result area R. That is, the determination result data "1" is stored in the result area R.

Please amend the paragraph beginning at page 34, line 12, as follows:

In step 1440, since the driving cycle is less than ten times, the first warning lamp 73 is turned on so as to indicate the status of the number to the driver. This is because the result area R can be deleted by the manual operation of the switch 71. In such a situation, the ten times or less number of the failure detection is few, so that the diagnosis function cannot be correctly determined to be in the normal condition or in the abnormal condition.